Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 09/973,299              | KHALIL ET AL.                           |
| Examiner                | Art Unit                                |
| Phuongchau Ba Nguyen    | 2665                                    |

| , | Rejected | 1 | (Through numeral)<br>Cancelled |  | N | Non-Elected  | A | Appeal   |
|---|----------|---|--------------------------------|--|---|--------------|---|----------|
| = | Allowed  | + | Restricted                     |  | ı | Interference | 0 | Objected |

| Clain | n        |   |        |          |                | Da       | te       | _  |                |            | 7:::  | С            | aim      | Τ  |   |                | _   | ate     |         |                   |                 |              | CI       | aim      | _                |   |          |                          | ate     | _                       |                    |          | $\neg$   |
|-------|----------|---|--------|----------|----------------|----------|----------|--|----------------|------------|-------|--------------|----------|--|---|----------------|---|---------|---------|-------------------|-----------------|--------------|----------|----------|------------------|---|----------|--------------------------|---------|-------------------------|--------------------|----------|----------|
|       |          |   |        | , 2      | 1              | Ť        | Ť        | Т  | Т              | T          | 1     | آ ا          | T -      |  |   | Т              | Ť   | T       | Т       | $\top$            | П               |              |          |          |                  | 丁   | T        | Ť                        |         |                         |                    | Т        | $\dashv$ |
| ∣ਢਾ∣ੋ | Original | 9/28/05   | 4/1/06 | 91512    |                |          |          | 1  | 1              |            |       | ਰ            | Original | 1  | 1   |                | ı   | - 1     |         | 1                 |                 |              | 727      | Original |                  |   | ŀ        | - 1                      | ı       | - 1                     |                    | - 1      | - 1      |
| Final | Ē        | 28  | Ž,     | 2        | 4              |          |          |  | ı              |            |       | Final        | <u>:</u> |  | ı   |                |   | ŀ       | - 1     | ŀ                 |                 |              | Final    | <u> </u> |                  | - 1   | - 1      |                          |         |                         |                    |          | - 1      |
| ~   < | ŌΙ       | à   | 4      | Ĺ        | 1              |          | 1        |  | ı              | i          |       | -            | Ŏ        |  | 1   | - 1            | - 1   | - 1     | - 1     |                   | 1               |              | ш.       | Ö        | - 1              | - 1   | - [      | - 1                      |         |                         | l                  | ١        |          |
|       | _        | _   | -      | =        | 1              | ┿        | ┿        | ╄  | +-             | ╄          | -     | -            |          | ₩  | ₩   | -+             | -   | -       | -       | +-                | Ш               |              |          |          |                  |   | 4        | -                        | _       |                         | _                  | 4        | _        |
|       | 1        | /   | 1      | Ξ        | ╄              | +-       | +-       | ╄  | +-             | ╄          | 4     |              | 51       | 4-4  | H   |                | 4   | 4       | -       | 4_                | Щ               |              |          | 101      | _                | 4   | 4        | _                        | _       | _                       | $\dashv$           | $\perp$  |          |
|       | 2        | 1   | 1      | Щ        | <u> </u>       | ┸        | ┸        | 1  | <del>↓</del> _ | 乚          | J     |              | 52       | Ш  | Ш   |                |   |         | ┸       |                   | Ш               |              |          | 102      |                  |   |          | <u>l</u> .               | $\perp$ |                         |                    |          |          |
|       | 3        | 1   | 1      | Ц        | L              | ┸        | _        | 1_   | ┸              | L          |       | L_           | 53       |  |   |                | $\perp$   | _L      |         | İ                 | Ш               |              |          | 103      |                  | $\Box$  | $\perp$  |                          |         | П                       |                    | Т        |          |
|       | 4        | 1   | 1      |          | <u>L</u>       | 1        |          | L.   |                | 11         | ]     |              | 54       | 1_   |   |                |   |         |         |                   |                 |              |          | 104      |                  | Т   | П        |                          | П       | П                       | П                  | Т        | ┒        |
| 5     | 5        | 1   | 4      |          |                |          |          |  | 1              | L          |       |              | 55       |  |   |                | П   | Т       |         |                   | П               | [            |          | 105      |                  | T   | T        | $\neg$                   | ╗       | $\neg$                  | $\neg$             | $\neg$   | $\neg$   |
| 6 0   | 6        | 1   | 7      |          | Г              |          | Т        |  | П              | Π          |       |              | 56       |  | $\Box$  | П              | $\neg$  | Т       | 7       | Т                 | П               |              |          | 106      |                  | ╗   | 7        | T                        | T       | T                       | $\neg$             | 寸        | ╗        |
| 7     | 7        | <b>4</b>  | 1      | П        | Т              | Т        |          | Т  | Т              | П          |       |              | 57       | П  |   | $\neg$         | $\neg$  | $\neg$  | $\neg$  | 1                 | П               | •            |          | 107      | _                | $\neg$  | ┪        | 十                        |         | ヿ                       | 一                  | $\dashv$ | _        |
|       | 8        | V   | 7      | T        | Т              | 1        | ╅        | 1  | 1              |            | ı     |              | 58       | П  |   | +              | $\top$  | 十       | $\top$  | 1-                | П               | <b></b>      |          | 108      | _                | +   | 十        | $\neg$                   | 7       | _                       | $\dashv$           | ╅        | ᅥ        |
| 9 9   | 9        | <b>V</b>  | 1      | 7        | 1              | Т        | 1        | Т  | 1              | T          | 1     |              | 59       | $\Box$   | _   |                | 十   |         | $\top$  | +                 | H               | <b>⊪</b> †   |          | 109      | -                | _   | 7        | -                        | ┪       | ┪                       | ╅                  | +        | $\dashv$ |
|       | ō        | 7   | 1      | +        | T              | t        | 1        | T  | +-             | ┢          | t     | _            | 60       | 1  | _   | $\dashv$       | +   | +       | +       | +-                | Н               | iii b        |          | 110      | $\dashv$         | ~+  | ┪        | +                        | ┰       | ┪                       | $\dashv$           | ╅        | ᅱ        |
|       | 1        | V   | 7      | +        | t              | ✝        | +        | t  | +-             | $\vdash$   | 1     | Т            | 61       | ╁╌┨  | $\dashv$  | $\dashv$       | ┰   | +       | +       | +-                | Н               | <b></b>      | -        | 111      | ┰                | $\dashv$  | +        | ┰                        | +       | $\dashv$                | +                  | +        | ┥        |
|       | 2        | i   | Ť      | Ť        | <del>  -</del> | †-       | 十        | +  | ╁              | $\vdash$   | tiii  | <del> </del> | 62       | ╅╾┨  | -   | $\dashv$       | +   | +       | +       | +                 | $\dashv$        | ⊪            |          | 112      | +                | $\dashv$  | $\dashv$ | +                        | ┥       | -+                      | +                  | +        | $\dashv$ |
|       | 3        | i   | 1      | +        | t              | +        | ╁╌       | +-   | ╁              | ┢          | ı     | $\vdash$     | 63       | ╅╾┨  | -+  | +              | +   |         | ╁       | +                 | Н               | }            |          | 113      | +                | +   | +        | +                        | ┥       | -                       | +                  | ┰        | ᅱ        |
|       | 4        | Ť   | 7      | +        | $\vdash$       | +-       | +-       | +-   | ╁╴             | $\vdash$   | ł     | $\vdash$     | 64       | ╁╌┨  | -   | $\dashv$       | +   | +       | +       | +                 | Н               | ŀ            |          |          | $\dashv$         | +   | +        | +                        | 4       |                         |                    | +        | 4        |
|       | 5        | Ť   | 1      | ╁        | ╌              | ╆        | ╀        | ╁  | ╀              | ⊢          | ł     | <u> </u>     |          | ╁╌╏  | -   | +              | +   | +       | +       | +                 | Щ               |              |          | 114      | $\dashv$         | +   | +        | +                        | 4       | _                       | 4                  | 4        | 4        |
|       |          |   |        | ╀        | ⊢              | ╀        | +-       | ⊢  | ⊢              | ⊢          |       | <u> </u>     | 65       | ╁┼   | -   | -              | +   | +       | ┿       | ╫                 |                 |              |          | 115      | -                | 4   | 4        | -ŀ                       | 4       | 4                       | _                  | 4        | ᅬ        |
|       | 6        | 4   | 1      | +        | ⊢              | ╀        | +        | ╀  | ╄              | <b>!</b> — |       | ├            | 66       | ₩  | 4   | -+             | 4   | 4       | +       | 1                 | Щ               | <b></b>      |          | 116      | 4                | 4   | 4        | 4                        | 4       | _                       | 4                  | 4        | ┙        |
|       | 7        | 1   |        | 1        | ┞              | ╄        | <u> </u> | ▙  | ╄              | _          |       | <u> </u>     | 67       | $\bot$   | -   | 4              | 4   | 4       | _       | $\vdash$          | _               | L            |          | 117      |                  | 4   | _        | _                        | 4       | _                       |                    | _        | ┙        |
|       | 8        | 1   | 1      | Ļ        | <u> </u>       | ╄-       | 4        | ┖  | 1              | _          |       |              | 68       | Ш  |   | _              | _   |         |         |                   |                 |              |          | 118      | _                | ┙   |          |                          | _       | $\perp$                 |                    | $\perp$  | ╝        |
|       | 9        | 4   | 1      | 1        | Ш              | ㅗ        | 4_       | _  | <del> </del>   | <u>_</u>   |       |              | 69       | Ш  | _   | _              | ᆚ   | ᆚ       |         | Ш                 |                 |              |          | 119      |                  |   | 丄        |                          | _[      | ┙                       |                    | _        | ╝        |
|       | 0        | <u> 1</u>   | 1      | =        | L              | <u> </u> | _        | L  | ↓_             | ᆫ          |       |              | 70       | $\sqcup$   |   | _              | $\perp$   | ᆚ       | ┸       |                   |                 | L            |          | 120      |                  |   |          |                          |         | [                       |                    |          | J        |
|       | 1        | _   | _      |          | L              | L        |          | L  |                | 匚          |       |              | 71       | Ш  |   | 丄              |   |         |         |                   |                 |              |          | 121      |                  |   |          |                          |         | Т                       | П                  | Т        | ٦        |
|       | 2        | $\dashv$  | _      |          | L.             | L        | ╙        | _  |                | L          |       |              | 72       |  | L   |                |   |         |         |                   |                 | [            |          | 122      |                  |   |          | Т                        | Т       | П                       | Т                  |          | ٦        |
|       | 3        | _   | _      |          | _              | _        |          | L  | L              |            |       |              | 73       | Ш  |   | $\perp \Gamma$ |   |         | Ι.      |                   |                 | ΕΕ           |          | 123      | $\Box$           |   | Т        | Π                        | Т       |                         | Т                  | T        | ٦        |
|       | 4        |   |        |          | L              | 乚        |          | L  | L              |            |       |              | 74       | $\Box$   |   |                |   |         | .L.     | ГП                |                 | ШГ           | . $\Box$ | 124      | Т                | Т   | Т        | Т                        | Т       | П                       | Т                  | Т        | ٦        |
| _   2 |          |   |        |          |                |          |          |  |                |            |       |              | 75       |  |   | $\prod_{i}$    | _ [.  |         | Т       |                   |                 | [            |          | 125      | Т                | Т   | Т        | T                        | T       | $\neg$                  | ┰                  | Т        | ٦        |
|       | 6        |   |        |          |                |          |          |  |                |            |       |              | 76       |  |   | I              | Ι   | $\Box$  | Т       |                   |                 | -            |          | 126      | T                | T   | 1        | T                        | T       | 十                       | 7                  | ┰        | ٦        |
| 2     | 7        | $\Box$  |        |          |                |          |          | П  |                |            |       |              | 77       |  | Т   | Т              | Т   | Т       | T       | П                 |                 | ШГ           |          | 127      | $\neg$           | П   | 十        | 7                        | ┰       | ┪                       | $\top$             | 1        | 7        |
| 2     | 8        | I   | _      |          |                |          |          | П  | 1              |            |       |              | 78       | П  | Т   | T              | Т   | Τ"      | Т       | П                 |                 |              |          | 128      | T                | T   |          | 1                        | 7       | 十                       | 一门                 | 1        | 7        |
| 2     | 9        | П   |        |          |                | Г        |          |  | Ī              | Г          |       |              | 79       | П  | 丁   | ┪              |   | $\top$  | 1       |                   |                 |              |          | 129      |                  | 7   | ✝        | +                        | +       | $\top$                  | +                  | +        | 7        |
| 3     |          | 1   | ⋾      |          |                | 1        | Г        |  | 1              |            |       |              | 80       | П  | 丁   | +              | 十   | +       | 1       | $\vdash$          | 7               |              | - 1      | 130      | 十                | +   | ╅        | +                        | +       | $\dashv$                | +                  | +        | ┪        |
| 3     |          | 寸   |        |          |                | T        |          | T  | T .            | Т          |       |              | 81       | П  | $\neg$  | _              | 十   | ╅       | 1       | Н                 | 7               | <b></b>      |          | 131      | _                | +   | 十        | ╅                        | +       | 十                       | +                  | ╈        | 1        |
| 3     |          | 寸   | 寸      | _        |                | Т        |          | Г  |                | $\vdash$   |       |              | 82       | $\vdash$   | $\top$  | 十              | +   | +       | +       | $\vdash$          | ╣               | <b>::: -</b> | $\dashv$ | 132      | ╅                | +   | +        | ╅                        | +       | +                       | +                  | +        | 1        |
| 3     |          | T   | 7      |          | Г              | 1        | ⇈        | <u> </u>   | T              | $\vdash$   |       |              | 83       |  | -   | $\top$         | ╅   | ╁       | Ť       | ╁┼                | -               | ⊪            | $\dashv$ | 133      | +                | -   | +        | +                        | ╅       | +                       | +                  | ╈        | $\dashv$ |
| 3     |          | 寸   | 7      |          |                |          | 1        | Н  | T              |            |       |              | 84       | 1-1  | +   | $\dashv$       | ╅   | +       | +       | †-                | ⊣               | ⊪⊦           | $\dashv$ | 134      | +                | ╅   | +        | ╁                        | +       | +                       | ╁                  | ┰        | ┨        |
| 3     |          | 7   | +      |          | <u> </u>       | †        | $\vdash$ | H  | 1              | _          |       |              | 85       |  | +   | ┰              | ┿   | +       | +-      | ╁╌┨               | ╣               | ⊪⊦           | $\dashv$ | 135      | +                | +   | +        | ┿                        | +       | +                       | +                  | -{-      | $\dashv$ |
| 3     |          | +   |        | -        | $\vdash$       | Н        | $\vdash$ | ╁╌   | 1              | -          |       |              | 86       | <del>                                     </del> | -   | ╁              | ┰   | +-      | ┿       | ╁╌┥               | -               | ⊪            | -+       | 136      | -                | +   | ┿        | ┿                        | +       | +                       | +                  | +-       | 4        |
| 3     |          | -+  | +      | $\dashv$ | $\vdash$       | ├-       | -        |  | ┥              | H          |       |              | 87       | ⊢  | +   |                | ╬   | +       | +-      | ⊢┤                | -(              | <b>-</b>     |          |          | +                | +   | +        | +                        | +       | +                       | +                  | +        | 4        |
| 3     |          | +   | ⇥      | -        | ⊢              | ⊢        | ┢        | <del>                                     </del> | Н              | Н          |       |              | 88       | ┝╌┼  | +   | +              | +   | +       | +-      | <del>      </del> | -               | ⊪⊢           |          | 137      | +                | +   | -        | +                        | +       | +                       | +                  | +        | 4        |
| 3     |          | $\dashv$  | -+     | -        | ⊢              | ⊢        | +        | -  | $\vdash$       | Н          |       |              |          | ⊢╂   | -   | +              | +   | +       | ┿       | ╁╌╂               | 4               | <b>-</b>     |          | 138      | 4                | +   | - -      | +                        | +       | 4                       | 4                  | 4        | 4        |
|       |          | +   | -+     | _        | ┝              |          | ├        | ⊢  | Н              | Н          |       |              | 89       | ⊢∔   | +   | +              | +   | +       | ╀       | $\vdash$          | 4               | ⊪∟           |          | 139      | 4                | 4   | 4        | 1                        | 1       | $\perp$                 | 4                  | 4        | 1        |
| 4     |          | -   | -+     | _        | $\vdash$       | ├-       | ├-       | $\vdash$   | Н              | $\vdash$   | ı l   |              | 90       | $\vdash \vdash$                                  | -   | +              | +   | +       | +       | $\sqcup$          | 4               | ⊪L           |          | 140      | 4                | 4   | 4.       | 4                        | ╀       | 4                       | 4                  | 4        | 1        |
| 4     |          | -   | -      | -        | <u> </u>       | -        | -        | ⊢  | Н              | ш          |       |              | 91       | $\vdash \vdash$                                  | 4   | 4              | +   | _       | ┿       |                   | _               | L            |          | 141      | ┵                | _   | 1        | 1                        | 1       | $\perp$                 | ┵                  | ┸        | ┙        |
| 4:    |          | -   | 4      | _        | _              | ⊢        | $\vdash$ | <u> </u>   | Н              |            | ‱.    |              | 92       | ${oldsymbol{\sqcup}}$                            | 4   | 4              | 4   | ┸       | 1_      | Ш                 | _               | L            |          | 142      |                  | ┸   | ┸        | $\perp$                  | $\perp$ |                         |                    |          | ⅃        |
| 4     |          | _   | _      | _        | _              | ⊢        | Ш        | L  | Щ              |            | ░.    |              | 93       | ш  |   | 4              | 1   | 4       | 1_      | Ш                 |                 | L            |          | 143      | Ţ                |   | Ĺ        |                          | $\int$  | $oldsymbol{\mathbb{L}}$ | $oldsymbol{\perp}$ | $\perp$  | ╛        |
| 4     |          | 4   | 4      |          |                | <u></u>  | $\sqcup$ | Ш  | Ш              |            | ##L   |              | 94       | $oxed{oxed}$                                     | 1   | ┵              | $\perp$   | $\perp$ | L       | Ш                 | _               |              |          | 144      |                  | $oldsymbol{ol}}}}}}}}}}}}}} $ | floor    | $oldsymbol{\mathcal{I}}$ | Ι       | Ι                       | Γ                  | I        | ]        |
| 4     |          |   | _      |          |                | L        |          |  | Ш              |            | ::::L |              | 95       |  | $\perp$   | 1              | Ţ   |         | $\perp$ | $\coprod$         |                 | ШГ           |          | 145      | $oldsymbol{	op}$ | T   | Τ        | T                        | Τ       | T                       | Т                  | Т        | 1        |
| 40    |          |   | ⅃      |          |                | L        |          |  |                |            | [     |              | 96       |  | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\mathbf{J}$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Gamma}}}$ | Ι       | Γ       | $\Box$            |                 | ijΓ          |          | 146      | T                | T   | 1        | 7                        | T       | 7                       | T                  | Т        | 1        |
| 4     | 7        | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |        |          |                |          |          |  |                |            |       |              | 97       |  |   | T              | Т   | Т       | Τ       | П                 | 7               | r            |          | 147      | 丁                | 十   | $\top$   | $\top$                   | †       | $\top$                  | 十                  | T        | 7        |
| 41    | 8        | $\Box$  |        | _        |                |          |          |  |                |            |       |              | 98       |  | $\top$  | $\top$         | 1   | 1       | 1       | $\sqcap$          | ١               | -            |          | 148      | 十                | +   | +        | +                        | t       | 十                       | 十                  | ╈        | 1        |
| 49    |          | T   | T      | $\neg$   |                |          | П        |  |                | $\neg$     | ##    |              | 99       | $\vdash$   | 7   | 十              | $\top$  | 1       | 1       |                   | -               | -            |          | 149      | +                | +   | +        | ╅                        | +       | +                       | +                  | +-       | ┨        |
| 50    |          | 7   | 十      | 7        |                | Г        | М        | П  | П              | _          |       |              | 100      | $\dashv$   | _   | +              | +   | +       | ╁       | ┰                 | $\dashv$        | -            |          | 150      | +                | ╈   | +        | ╅╴                       | +       | ╁                       | +                  | +        | $\dashv$ |
|       |          |   | _      | _,       |                |          |          | _  |                |            | Г     |              | .00      |  |   |                | Щ.  |         |         | 1                 | :: <b>ل</b> ـــ | L            |          | 130      | L_               | Ш.  |          |                          | ┸       | ㅗ                       |                    |          | ┙        |